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# **Review of the NPDES Permit and Waste Discharge Requirements for Concentrated Animal Feeding Operations (CAFOs).**

**Board Order No. 2008-0800.**

**December 02, 2008**





# Common Questions ?

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- Which CAFOS are covered by the new Board Order?
- What are the recordkeeping requirements for my operation?
- What is in the Annual Report?
- What is the Nutrient Management Plan (NMP)?
- What reports must be submitted?



# Overview of Federal CAFO Rule

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- Defines AFO, CAFO, Agricultural Stormwater, and other key terms
- Identifies which CAFOs must apply for permits
- Specifies that land application discharges, other than agricultural stormwater, are subject to NPDES requirements
- Mandates that all permitted CAFOs applying manure to land must develop and implement a nutrient management plan (NMP)
- Establish effluent guidelines for existing and new sources for production and land application areas
- Establishes requirements for transferring manure and wastewater to 3rd parties
- Identifies record keeping requirements for production and land application areas
- Requires submission of an Annual Report



# Which CAFOS are covered?

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- The Final Rule established a mandatory duty for all CAFOs to apply for an NPDES permit or demonstrate that there is no potential to discharge.
- Existing Order covers all CAFOs
  - Includes feedlots and dairies as well as other CAFO types. (All feedlots, dairies (20 head or more), heifer ranches and calf nurseries (50 head or more) and other similar facilities are designated as CAFOs by RB7).



# What are the recordkeeping requirements?

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## Keep a copy of the following documents:

- ✓ Engineered Waste Management Plan (EWMP)
- ✓ Storm Water Management Structure Inspections Log
- ✓ Water Line Inspections Log
- ✓ Manure Tracking Manifest
- ✓ All Manure and soil Nutrient Analyses
- ✓ Nutrient Management Plan - if applicable
- ✓ Compost Reporting - if applicable
- ✓ Annual report



## Some examples of required logs

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- Storm Water Management Structure Log
- Manure Tracking Manifest Log
- Water Line Inspections Log
- Discharge Notification Form



## What are the recordkeeping requirements for my operation?

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- **CASE 1** — No manure is applied on-site, manure is transferred to third party
- **CASE 2** — Permittee composts manure onsite
- **CASE 3** — Permittee spreads any amount of raw manure on land under their control



# What is in the Annual Report?

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PART A – General Information Reporting

PART B – Composting Reporting

PART C – NMP Reporting

PART D - Certification Statement



# CASE SCENARIOS

- Producer gives away manure; **or** Third party composts manure on-site and compost is transferred off site; **or** Third party composts manure on-site and compost is spread on land owned/operated by the CAFO; **or** Raw manure is transferred off site, composted, and finished compost is returned to the CAFO for land application.

Engineered Waste Management Plan (EWMP); Storm Water Management Structure Inspections Log; Water Inspections Log; Manure Nutrient Analyses ; Manure Tracking Manifest

- Producer composts their manure on-site and then applies to their land; **or** Producer composts manure on site and transfers compost to third party (off site).

Case 1 Requirements, plus Inventory of Composting Operations

(Producer required to obtain Imperial County Air Pollution Control District, Rule 307 - Large Confined Animal Facility Fee)

- Producer spreads manure (raw) on their land.

Case 1 Requirements, plus Nutrient Management Plan

Producer/Composter required to obtain Composting Permit from Imperial County Public Health Department, a permit is required a permit from the Local Enforcement Agency for the California Integrated Waste Management Board if more than 1,000 cubic yards of compost product is either sold or given away annually (14 CCR 17856)



## What is required to be filled out in the Annual Report?

- Submit Annual Report and Certify the following Parts:

- ✓ CASE 1 – No manure is applied on-site, manure is transferred to third party

### **Part A and D**

- ✓ CASE 2 – Permittee composts manure on-site

### **Part A, B, and D**

- ✓ CASE 3 – Permittee spreads any amount of raw manure on land under their control

### **Part A, C and D**



# What is the NMP?

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- Minimum elements of the NMP:
  - ✓ Conservation practices
  - ✓ Manure/soil testing
  - ✓ Protocols for proper land application\*
  - ✓ Implementation records
- Deadline to develop NMP - Dec. 2008
  - Anyone can develop the NMP
- Regional Board need to provide NMP for public review
- NMP needs to be implemented by 2/27/2009



# What reports must be submitted?

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## Notice of Intent

- Within 60 days of Permit adoption

## EWMP

- Within 60 days of Permit adoption

## NMP

- Report due Dec 1, 2008
- Implementation Deadline Feb 27, 2009

## Annual Report

- Jan 15 of each year



## SUMMARY OF CAFO PERMIT DELIVERABLES

- Notice of Intent. Existing Enrollees are automatically covered under this Board Order. New Enrollees must submit a completed NOI form (USEPA Form 2B) and the appropriate filing fee at least 30 days before the start of any new discharge.
- Engineered Waste Management Plan. Existing Enrollees have submitted an EWMP to the Regional Water Board. New Enrollees must submit an EWMP for the Facility at least 30 days before the start of any new discharge.
- Nutrient Management Plan. Enrollees that land apply manure, litter, or process wastewater must develop a NMP and submit to Regional Water Board. All Enrollees that land apply manure, litter, or process wastewater must implement requirements of approved NMP by February 27, 2009.
- Discharge Notification Report. The Discharger shall report any discharges of manure, litter, and/or process wastewater. Orally within 24 hours and written within 2 weeks of the oral notification.
- Annual Report. Each enrollee shall submit an Annual Report by January 15th of each year.